

hydroxybutyrate-dimer hydrolase

Cat. No. EXWM-3447

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of hydrolases, specifically those acting on carboxylic ester bonds. The systematic name of this enzyme class is (R)-3-((R)-3-hydroxybutanoyloxy)butanoate hydroxybutanoylhydrolase. This enzyme is also called D-(-)-3-hydroxybutyrate-dimer hydrolase. This enzyme participates in butanoate metabolism.

Synonyms

D-(-)-3-hydroxybutyrate-dimer hydrolase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.1.1.22

CAS No.

37278-37-8

Reaction

(R)-3-((R)-3-hydroxybutanoyloxy)butanoate + H₂O = 2 (R)-3-hydroxybutanoate

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.